What is claimed is:

1. A method for executing a job loaded into a client machine on a server machine that is different in a computer environment from the client machine, said method comprising the steps of:

allowing the client machine to issue to the server machine a job execution request for executing the job, the job execution request being accompanied by environment information and job execution statements for the job to be executed, the environment information including a volume logical path and a volume physical path; and

allowing the server machine to control to assign a server side volume corresponding to a client side volume and transfer input data on the client side volume to the server side volume, to convert the environment information and the job execution statements so as to replace the information about the volume logical path and the volume physical path by the corresponding information for the server machine, and to execute the job.

2. A method for causing a client machine to issue a job execution request in a system, the system comprising the client machine into which a job is loaded and a server machine that

is different in a computer environment from the client machine,
said method comprising the steps of:

allowing the client machine to determine according to
policy information whether the job is to be executed on the

5   server machine, allowing the client machine to issue a job
execution request for the job to the server machine if it is
determined that the job is to be executed on the server machine,
the job execution request being accompanied by environment
information and job execution statements for the job to be

10   executed, the environment information including a volume
logical path and a volume physical path, allowing the client
machine to transfer input data to a server side volume
corresponding to a client side volume, and allowing the client
machine to receive the execution result of the job that is

15   executed according to the environment information and the job
execution statements for which the volume logical path and the
volume physical path are replaced by the corresponding
information for the server machine, and the resulting billing
information for the execution result.

20   3. A method for causing a server machine to execute a
job in a system, the system comprising a client machine into
which the job is loaded and the server machine that is different
in a computer environment from the client machine, said method
comprising the steps of:

allowing the server machine to receive a job execution request for the job from the client machine, the job execution request being accompanied by environment information and job execution statements for the job to be executed, the

5 environment information including a volume logical path and a volume physical path; to control to assign a server side volume corresponding to a client side volume and transfer input data on the client side volume to the server side volume; to convert the environment information and the job execution

10 statements so as to replace the information about the volume logical path and the volume physical path by the corresponding information for the server machine; and to execute the job.

4. The method according to claim 3, wherein the server machine comprises a plurality of logically partitioned logical

15 computers, and wherein, when the job execution request is received, the job is executed on a logical computer that can interpret and execute the job execution statements.

5. The method according to claim 3, wherein the environment information includes the names of programs

20 executed for the job and the information about the versions of the programs, and wherein the server machine determines whether the versions of the programs are installed on the server machine and installs any uninstalled program on the server machine.

6. The method according to claim 3, wherein the server machine executes the job in accordance with the job execution statements for which the amount of computer resource use described in the job execution statement is changed in

5 compliance with the information about a service level agreement.

7. A program that runs on a client machine in a system comprising the client machine into which a job is loaded and a server machine that is different in a computer environment

10 from the client machine, said program including:

a function for determining whether the server machine is to execute the job in compliance with policy information;

a function for issuing a job execution request for the job to the server machine if it is determined that the server

15 machine is to execute the job, wherein the job execution request is accompanied by environment information and job execution statements for the job to be executed, and the environment information includes a volume logical path and a volume physical path;

20 a function for transferring input data to a server side volume corresponding to a client side volume; and

a function for receiving the execution result of the job that is executed according to the environment information and the job execution statements for which the volume logical

path and the volume physical path are replaced by the corresponding information for the server machine, and the resulting billing information for the execution result.

8. A program that runs on a server machine in a system comprising a client machine into which a job is loaded and the server machine that is different in a computer environment from the client machine, said program including:

a function for receiving a job execution request for the job from the client machine, wherein the job execution request is accompanied by environment information and job execution statements for the job to be executed, and the environment information includes a volume logical path and a volume physical path;

a function for controlling to assign a server side volume corresponding to a client side volume and transfer input data on the client side volume to the server side volume;

a function for converting the environment information and the job execution statements so as to replace the information about the volume logical path and the volume physical path by the corresponding information for the server machine; and

a function for executing the job.

9. The program according to claim 8, wherein the server machine comprises a plurality of logically partitioned logical

computers, and wherein, when the job execution request is received, the server machine causes the program to realize a function for executing the job on a logical computer that can interpret and execute the job execution statements.

5   10. The program according to claim 8, wherein the environment information includes the names of programs executed for the job and the information about the versions of the programs, and wherein the server machine causes the program to realize a function for determining whether the

10   versions of the programs are installed on the server machine; and a function for installing any uninstalled program on the server machine.